WE CLAIM AS OUR INVENTION AND DESIRE TO SECURE PROTECTION FOR:

1	1. A method for analyzing information relative to the time-varying state of				
2	a plurality of substances within a subsurface petroleum reservoir, comprising the steps of:				
3	(a) providing data relative to the physical state of at least one fluid within				
4	the reservoir;				
5	(b) making at least a portion of said data available for analysis by each of a				
6	plurality of computational applications for characterization, by said applications, of traits				
7	relating to at least one of:				
8	(1) the location;				
9	(2) the state; and				
10	(3) the volume quantity of the at least one fluid;				
11	(c) performing additional computational analysis on data, (including output				
12	data from said plurality of computational applications in step (b), to optimize said				
13	characterization of fluid traits;				
14	(d) monitoring change over time in at least one of:				
15	(1) said data;				
16	(2) said characterization, and				
17	(3) characteristics of the optimization of step (c)				
18	to create a historical data profile associated with the characterization of the reservoir data;				

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19		(e)	storing at least a portion of said data and its associated historical data
20	profile; and		
21		(f)	making said data and data profile accessible over a distributed network
22	whereby pers	sistent a	availability of said data and characterization-related information for the
23	reservoir is p	ermitte	d.